

09/29/00



16932 U.S. PTO

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PTO/SB/05 (4/98)

Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))</small>	Attorney Docket No. 678-529 (P9530)
	First Inventor or Application Identifier Hye-Jeong KIM et al.
	Title System and Method for Compensating Timing
	Express Mail Label No. EL484186784US

APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small>		ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	
1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)	5. <input type="checkbox"/> Microfiche Computer Program (Appendix)	ACCOMPANYING APPLICATION PARTS 7. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) 8. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee) 9. <input type="checkbox"/> English Translation Document (if applicable) 10. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 11. <input type="checkbox"/> Preliminary Amendment 12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 13. <input type="checkbox"/> * Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application, Status still proper and desired (PTO/SB/09-12) 14. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 15. <input checked="" type="checkbox"/> Other: Check for \$846.00 (filing fee) Check for \$40.00 (recording fee)	
2. <input checked="" type="checkbox"/> Specification [Total Pages 25] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure	6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies		
3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 9]			
4. Oath or Declaration [Total Pages 2] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 16 completed) i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).			
* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).			

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: _____

Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS					
<input type="checkbox"/> Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or <input checked="" type="checkbox"/> Correspondence address below					
Name	Paul J. Farrell, Esq.				
Address	Dilworth & Barrese 333 Earle Ovington Blvd.				
City	Uniondale	State	NY	Zip Code	11553
Country	U.S.	Telephone	(516) 228-8484	Fax	(516) 228-8516

Name (Print/Type)	Paul J. Farrell	Registration No. (Attorney/Agent)	33,494
Signature		Date	9/29/00

CERTIFICATION UNDER 37 C.F.R. 1.10 I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service on date below in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL484186784US addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Dated: September 29, 2000

Theodoros Thomas

FEE TRANSMITTAL

for FY 2000

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$ 886.00

Complete if Known

Application Number
Filing Date
First Named Inventor Hye-Jeong KIM et al.
Examiner Name
Group / Art Unit
Attorney Docket No. 678-529 (P9530)

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 04-1121

Deposit Account Name DILWORTH & BARRESE, LLP

- ☒ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

2. ☒ Payment Enclosed:

☒ Check ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 690	201 345	Utility filing fee	\$690.00
106 310	206 155	Design filing fee	
107 480	207 240	Plant filing fee	
108 690	208 345	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$ 690.00

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
14	-20** = 0	\$18	\$0
5	-3** = 2	\$78	\$156
		\$260	\$0

**or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 78	202 39	Independent claims in excess of 3
104 260	204 130	Multiple dependent claim, if not paid
109 78	209 39	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 156.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 380	216 190	Extension for reply within second month	
117 870	217 435	Extension for reply within third month	
118 1,360	218 680	Extension for reply within fourth month	
128 1,850	228 925	Extension for reply within fifth month	
119 300	219 150	Notice of Appeal	
120 300	220 150	Filing a brief in support of an appeal	
121 260	221 130	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,210	241 605	Petition to revive - unintentional	
142 1,210	242 605	Utility issue fee (or reissue)	
143 430	243 215	Design issue fee	
144 580	244 290	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 240	126 240	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	\$40
146 690	246 345	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 690	249 345	For each additional invention to be examined (37 CFR § 1.129(b))	

Other fee (specify) _____

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40

SUBMITTED BY

Name (Print/Type) Paul J. Farrell

Registration No. 33,494
(Attorney/Agent)

Complete (if applicable)

Telephone (516) 228-8484

Signature

Paul J. Farrell

Date

September 29, 2000

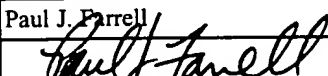
CERTIFICATION UNDER 37 C.F.R. § 1.10 I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service on date below in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL484186784US addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Dated: September 29, 2000

Theodosios Thomas

FEE TRANSMITTAL for FY 2000		Complete if Known	
Patent fees are subject to annual revision. Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.		Application Number	
		Filing Date	
		First Named Inventor	Hye-Jeong KIM et al.
		Examiner Name	
		Group / Art Unit	
		Attorney Docket No.	678-529 (P9530)
TOTAL AMOUNT OF PAYMENT (\$)		886.00	

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge Indicated fees and credit any overpayments to: Deposit Account Number: 04-1121 Deposit Account Name: DILWORTH & BARRESE, LLP <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17	3. ADDITIONAL FEES Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$) Fee Description Fee Paid
2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other	105 130 205 65 Surcharge - late filing fee or oath
FEE CALCULATION	
1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$) Fee Description Fee Paid	127 50 227 25 Surcharge - late provisional filing fee or cover sheet.
101 690 201 345 Utility filing fee \$690.00	139 130 139 130 Non-English specification
106 310 206 155 Design filing fee	147 2,520 147 2,520 For filing a request for reexamination
107 480 207 240 Plant filing fee	112 920* 112 920* Requesting publication of SIR prior to Examiner action
108 690 208 345 Reissue filing fee	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action
114 150 214 75 Provisional filing fee	115 110 215 55 Extension for reply within first month
SUBTOTAL (1) (\$)	116 380 216 190 Extension for reply within second month
690.00	117 870 217 435 Extension for reply within third month
2. EXTRA CLAIM FEES	118 1,360 218 680 Extension for reply within fourth month
Extra Claims Fee from below Fee Paid	128 1,850 228 925 Extension for reply within fifth month
Total Claims 14 -20** = 0 X \$18 = \$0	119 300 219 150 Notice of Appeal
Independent Claims 5 -3** = 2 X \$78 = \$156	120 300 220 150 Filing a brief in support of an appeal
Multiple Dependent \$260 = \$0	121 260 221 130 Request for oral hearing
**or number previously paid, if greater; For Reissues, see below	138 1,510 138 1,510 Petition to institute a public use proceeding
Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$) Fee Description Fee Paid	140 110 240 55 Petition to revive - unavoidable
103 18 203 9 Claims in excess of 20	141 1,210 241 605 Petition to revive - unintentional
102 78 202 39 Independent claims in excess of 3	142 1,210 242 605 Utility issue fee (or reissue)
104 260 204 130 Multiple dependent claim, if not paid	143 430 243 215 Design issue fee
109 78 209 39 ** Reissue independent claims over original patent	144 580 244 290 Plant issue fee
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	122 130 122 130 Petitions to the Commissioner
SUBTOTAL (2) (\$)	123 50 123 50 Petitions related to provisional applications
156.00	126 240 126 240 Submission of Information Disclosure Stmt
	581 40 581 40 Recording each patent assignment per property (times number of properties) \$40
	146 690 246 345 Filing a submission after final rejection (37 CFR § 1.129(a))
	149 690 249 345 For each additional invention to be examined (37 CFR § 1.129(b))
	Other fee (specify) _____
	Other fee (specify) _____
	SUBTOTAL (3) (\$)
	40

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Paul J. Farrell	Registration No. (Attorney/Agent)	33,494
Signature		Telephone	(516) 228-8484
		Date	September 29, 2000

CERTIFICATION UNDER 37 C.F.R. § 1.10 I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service on date below in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL484186784US addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Dated: September 29, 2000


Theodosios Thomas

Atty. Docket No. 678-529(P9530)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

BOX PATENT APPLICATION

Assistant Commissioner for Patents
Washington, D.C. 20231

UTILITY APPLICATION FEE TRANSMITTAL

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Hye-Jeong KIM and Hyun-Kyu LEE

For: SYSTEM AND METHOD FOR COMPENSATING TIMING ERROR USING
PILOT SYMBOL IN OFDM/CDMA COMMUNICATION SYSTEM

Enclosed are:

- [X] 19 page(s) of specification
- [X] 1 page(s) of Abstract
- [X] 5 page(s) of claims
- [X] 9 sheet(s) of drawing(s) [X] formal [] informal
- [X] 2 page(s) of Declaration and Power of Attorney
- [X] An Assignment of the invention to Samsung Electronics Co., Ltd.

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date September 29, 2000 in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL484186784US addressed to: BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231.

Dated: September 29, 2000


Theodosios Thomas

[X] Certified copy of application

<u>Country</u>	<u>Appln. No.</u>	<u>Filed</u>
<u>Republic of Korea</u>	<u>1999-41669</u>	<u>September 29, 1999</u>

from which priority under Title 35 United States Code,
§ 119 is claimed

[] is enclosed.

[X] will follow.

CALCULATION OF UTILITY APPLICATION FEE

<u>For</u>	<u>Number Filed</u>	<u>Number Extra</u>	<u>Rate</u>	<u>Basic Fee \$ 690.00</u>
Total				
Claims*	14	= 0	x \$ 18.00	\$ -0-
Independent				
Claims	5	= 2	x \$ 78.00	\$ 156.00
Multiple	[] yes	Add'l. Fee	\$260.00	\$ -0-
dependent				
Claims	[x] no	Add'l. Fee	None	= \$ -0-
				TOTAL \$ 846.00

[] Verified Statement of "Small Entity" Status Under 37 C.F.R.
§ 1.27. Reduced fees under 37 C.F.R. § 1.9(f) (50% of
total) paid herewith \$_____.

[X] A check in the amount of \$40.00 to cover the recording of
the attached Assignment is enclosed.


[X] A check in the amount of \$846.00 to cover the
filing fee(s) is attached.

[] Charge fee to Deposit Account No. 04-1121. Order No.
_____ TWO DUPLICATE COPIES OF THIS SHEET ARE ATTACHED.

*Includes all independent and single dependent claims and all claims referred to in multiple
claims. See 37 C.F.R. § 1.75(c).

[X] Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and/or 1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 04-1121. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 04-1121 therefor. TWO DUPLICATE COPIES OF THIS SHEET ARE ATTACHED.

Date: September 29, 2000



SIGNATURE OF ATTORNEY
Paul J. Farrell
Reg. No. 33,494
Attorney for Applicant(s)

DILWORTH & BARRESE
333 Earle Ovington Blvd.
Uniondale, NY 11553
Tel.: (516) 228-8484
Fax: (516) 228-8516
PJF/TT/lah